	PATENT APPLICATION FEE DETERMINATION RECO									Арріл.	/ /	Auden No	mber
-	CLAIMS AS FILED - PART I									04/	176	1280)
	(Column 1) (Column 2)									ENTITY	, <i>,</i>	OTHE	R THAN
	TOTAL CLAIMS]	PE RATE		OR	SMALL	ENTITY	
	FOR NUMBER FILED NUMBER EXTRA						ł		FE		RATE	FEE	
	TOTAL CHARGE	ABL	E CLAIMS	100	inus 20=	1.000	P)	-	ASIC FE	355.	00 OR	BASIC FEI	710.00
	NDEPENDENT (CLAI	MS	11	ninus 3 =			<u> </u>	X\$ 9=		OR	X\$18≃	
٨	MULTIPLE DEPE	NDE	NT CLAIM						X40=	ļ	OR	X80=	80.00
.	If the difference	e in	column 1 i	s loss than -	0.40	40n :		+	135=		OR	+270=	
							olumn 2	T	OTAL		OR	TOTAL	19/20
			Column 1)	AMENDE) - PAR (Colun		(Calour 6)	C.	LAALA	CAITIN		OTHER	
		ži	CLAIMS		HIGH		(Column 3)	-21	WALL	ENTITY		SMALL	ENTITY
AMENDMENT A	P		REMAINING AFTER MENDMENT		NUME PREVIO PAID F	USLY	PRESENT EXTRA	R	ATE	ADDI TIONA	, ,	RATE	ADDI- TIONAL
QN	Total		21.	Minus	2	Ø	=	X	\$ 9=	FEE		X\$18=	FEE
AME	Independent	<u> -</u>	_5	Minus	•••	4	= /		<i>(1)</i>		OR	NO 18 =	10"
	FIRST PRESE	NTA	ITION OF M	ULTIPLE DEF	ENDENT	CLAIM					OR	X 8 0=	8 400
								. L	35=		OR	+270=	
		ıc	BE	ST AVA	MLAB	LE C	COPY	ADDi	TOTAL T. FEE		OR	TOTAL DDIT. FEE	27
8			CLAIMS	1200314830	HIGHE	··-/	Column 3)						
	6		EMAINING AFTER		NUMBI PREVIOL	ER JSLY	PRESENT EXTRA	RA	TE	ADDI- TIONAL	1 [RATE	ADDI- TIONAL
ENDMENT	Total	• An	MENDMENT	Minus	PAID F	OR		<u> </u>		FEE	AL	TIATE	FEE
AMEN	Independent	•	5	Minus	· ·			X\$	9=	//	OR	X\$18=	
4	FIRST PRESE	NTA	TION OF MI	JLTIPLE DEPI	ENDENT C	, ,		X4	0=		OR	X80=	
								+13	35=	•	00	1270-	7
		(Column 1)		(Colum		(Column 3)	•					
AMENDMENT &			CLAIMS REMAINING AFTER MENDMENT		HIGH NUM PREVK	BER DUSLY	PRESENT EXTRA	F	ATE	ADD TION FEE	AL	RATE	ADDI- TIONAL FEE
NO.	Total ·		20	Minus	PAID 2	-1	=	X	\$ 9=		OR	X\$18=	
9	Independent	*	5	Minus	444	5	=	X	(42=	1 1	OR	X84=	
	FIRST PRESE	ATA	TION OF M	CULTIPLE DE	PENDENT	CLAIM	اللائب	47	140=	1	OR	+280=	
• (* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.							<u> </u>	TOTAL	-	H_{-}	TOTAL	1
40	K the T-lighest Nu K the T-lighest Nu The T-lighest Num	mber 	Proviously P	aid For IN THE	S SPACE &	loss than	20, enter "20."	ADD	IT. FEE	<u> </u>		ADDIT. FEE Jumn 1.	-
	the rights Num	oor t	TOWNSEY F	m. POT (1008) OI	- washeuge	with the same	Muse man	Dates of		and the same	300 01 00	APTHENT O	FOOMMERO

Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN TYPE ____ (Column 2) OR SMALL ENTITY (Column 1) **TOTAL CLAIMS** RATE FEE RATE FEE OR BASIC FEE BASIC FEE 370.00 740.00 **FOR** NUMBER FILED NUMBER EXTRA TOTAL CHARGEABLE CLAIMS X\$ 9= X\$18= บ...กลิสธร 20∍ INDEPENDENT CLAIMS minus 3 = X42= X84 = OR MULTIPLE DEPENDENT CLAIM PRESENT +280= +140= OR. * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR CLAIMS AS AMENDED - PART II OTHER THAN SMALL ENTITY OR SMALL ENTITY (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL RATE TIONAL RATE AFTER PREVIOUSLY **EXTRA** FEE FEE **AMENDMENT** PAID FOR X\$18= Total Minus X\$ 9= OR Independent Minus · X84= X42= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL TOTAL ADDIT, FEE ADDIT. FEE (Column 1) **CLAIMS** HIGHEST ADDI-ADDI-NUMBER PRESENT REMAINING RATE TIONAL TIONAL RATE **PREVIOUSLY EXTRA AFTER** FEE FEE **AMENDMENT** PAID FOR X\$ 9= X\$18= Total Minus OR Minus Independent X84= X42 =OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL TOTAL OR ADDIT, FEE ADDIT. FEE (Column 3) (Column 2)

		(Column 1)		(Column 2)	(Column o)					
NTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA					
AMENDMENT	Total	*	Minus	**	=					
NEW.	Independent	*	Minus	***	= 1					
4	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM									

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1997											
	CLAIMS AS FILED - PART I (Column 1) (Column 2)							ENTITY	OR _	OTHER SMALL	
FOR		NUMBE	R FILED	NUMBER I	NUMBER EXTRA			FEE		RATE	FEE
BASIC FEE				r (Oyle) in				395.00	OR	78	790.00
TOTA	L CLAIMS	a	O minus	20 = *			x\$11=		OR	x\$22=	
INDE	PENDENT CLA	IMS	<i>m</i> inus	3 = *			x41=	·	OR	x82=	
MULT	IPLE DEPENDI	ENT CLAIM PRES	SENT				+135=		OR	+270=	
* If th	e difference in col	umn 1 is less than z	ero, enter "0" in	column 2		L	TOTAL		OR	TOTAL	790
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)							SMALL	ENTITY	OR		R THAN ENTITY
ENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	.19	Minus	·· 60	-/		x\$11=		OR	x\$22=	
ME	independent	· Q	Minus	<u>~3</u>		$ \cdot $	x41=		OR	x82=	
▼	FIRST PRES	SENTATION OF	MULTIPLE	DEPENDENT CL	AIM		+135=		OR	+270=	
	(Column 1) (Column 2) (Column 3)					AC	TOTAL DDIT. FEE		OR	TOTAL ADDIT. FEE	
ENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
ENDMENT	Total	*	Minus	**	=		x\$11=		OR	x\$22=	
MEN	Independent	*	Minus	***	=		x41=		OR	x82=	
AM	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM						+135=		OR	+270=	
		(0-1, 1)		(O-1, 0)	(Column 3)	- L	TOTAL		OR	TOTAL ADDIT. FEE	
-	1: 00 E.D.	(Column 1) CLAIMS	wyece.	(Column 2) HIGHEST	(Column 3)] [T	1		
ENTC		REMAINING AFTER AMENDMENT		NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
DM	Total	*	Minus	**	=		x\$11=		OR	x\$22=	
AMENDMENT	Independent	*	Minus	***	=		x41=		OR	x82=	
Ā	FIRST PRE	SENTATION OF	MULTIPLE	DEPENDENT CL	-AIM] [+135=		OR	+270=	
** If	the "Highest Nu	mber Previously Pa mber Previously Pa	aid For IN THIS	mn 2, write "0" in col S SPACE is less thar S SPACE is less thar	1 20, enter "20." 1 3, enter "3."		TOTAL DDIT. FEE		_	TOTAL ADDIT. FEE	
I	he "Highest Num	ber Previously Pai	d For" (Total or	ound i	in the appro	priate box in	column	1.			

Application or Docket Number SMALL ENTITY OTHER THAN

PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2000 **CLAIMS AS FILED - PART I**

OLAIMO A			(Column	1)	(Column 2)			TYPE			SMALL	
то	TAL CLAIMS							RATE	FEE		RATE	FEE
FOI	R		NUMBER FILED		NUMBER EXTRA		В	ASIC FEE	355.00	OR	BASIC FEE	710.00
TO	TAL CHARGEA	BLE CLAIMS	min	us 20=				X\$ 9=		OR	X\$18=	
IND	EPENDENT CL	AIMS	mii	nus 3 =	•			X40=		OR	X80=	
MU	LTIPLE DEPEN	DENT CLAIM PF	RESENT					+135=		OR	+270=	-
• H	the difference	in column 1 is l	ess than ze	ro, ente	r "0" in c	olumn 2	L-	TOTAL	·	OR	TOTAL	
	CI	LAIMS AS A	MENDED			(Column 3)		SMALL E	ENTITY	OR	OTHER SMALL	
AMENDMENT A		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVI	mn 2) HEST IBER OUSLY FOR	PRESENT EXTRA	Γ	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
OME	Total	Minus		20 =-				X\$ 9=		OR	X\$18=	-
AME	Independent • 3 Minus FIRST PRESENTATION OF MULTIPLE DEF			***				X40=		OR	X80=	
L	FIRST PRESE	NIATION OF M	JLTIPLE DEI	PENDEN	1 CLAIM			+135=	•	OR	+270=	
BEST AVAILABLE COPY								TOTAL DDIT. FEE		OR	TOTAL ADDIT. FEE	
		(Column 1)	71 1 477 1	(Colu	mn 2)	(Column 3)						
AMENDMENT B	E	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PRESENT PREVIOUSLY EXTRA PAID FOR		PRESENT EXTRA		RATE	ADDI- TIONAL FEE/		RATE	ADDI- TIONAL FEE
	Total	. 19	Minus	de	7	=		X\$ 9=		OR	X\$18=	
	Independent	. ' '3	Minus	***	3			X40=	7	 OR	X80=	7
Ļ	FIRST PRESE	NTATION OF M	ULTIPLE DEI	PENDEN	CLAIM			+135=	1	OR	+270=	
								TOTAL DDIT. FEE		OR	TOTAL ADDIT. FEE	
		(Column 1)			ımn 2)	(Column 3)						
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		NUI PREV	HEST MBER NOUSLY D FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MQ.	Total	•	Minus	**		=	ļΓ	X\$ 9=		OR	X\$18=	
ME	Independent	•	Minus ***		=			X40=		OR	X80=	
上	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM							+135=		OR	+270=	
	tf the intry in colu	L	TOTAL		ŧ	TOTAL						
••	 If the ntry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number 								propriate bo	OR xin∞	ADDIT. FEE	

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

CLAIMS AS FILED - PART I (Column 1) (Column 2)							SMALL ENTITY TYPE			OTHER THAT	
FO	3	NUMBER	RFILED	NUMBER E	XTRA	R/	TE	FEE		RATE	FEE
BASIC FEE					*			380.00	OR		760.00
TOT	AL CLAIMS		minus 20= *				9=		OR	X\$18=	
IND	EPENDENT CLA	AIMS	minus 3	= *		X	39=		OR	X78=	
MULTIPLE DEPENDENT CLAIM PRESENT							30=		OR	+260=	
* If 1	he difference i	TC	TAL		OR.	TOTAL					
* If the difference in column 1 is less than zero, enter "0" in column 2 CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)							IALL	ENTITY	OR	OTHER SMALL	
AMENDMENT A		CLAIMS REMAINING AFTER		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	R	ATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
DME	Total	* AMENDMENT	Minus	-20	=	X	9=		OR	X\$18=	
MEN	Independent	. 3	Minus	3	=	X	39=		OR	X78=	
Ā	FIRST PRESE	NTATION OF MU	LTIPLE DEPI	ENDENT CLAIM			30=		OR	+260=	
		.•				<u> </u>	TOTAL			TOTAL	
1	(Column 1) (Column 2) (Column 3)					ADD	IT. FEE		10	ADDIT. FEE	
AMENDMENT&		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	R	ATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
DME	Total	.00	Minus)v	=	X	\$ 9=		OR	X\$18=	
Ä	Independent	.2	Minus	*** >	-	×	39=		OR	X78=	
	FIRST PRESE	IRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM						15.7	OR	+260=	
						ADD	TOTAL IT. FEE	A\$\\ - 8.	OR	TOTAL ADDIT: FEE	OF ALL
		(Column 1)		(Column 2)	(Column 3)						
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT		ATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NO NO	Total		Minus		= 3.4	×	\$9=		OR	X\$18=	
MEN	Independent	*	Minus	***	=		(39=		OR	X78=	
۲	FIRST PRES	ENTATION OF M	ULTIPLE DEF	PENDENT CLAIM		 			1		
*				man O water "O" in a	duma 3	ĻĽ	130=	<u> </u>	OR	TOTAL	** ***
	a se al. "Limbont Mi	umbar Praviously P	eid For' IN THI	mn 2, write "0" in o	an 20, enter 20.	ADI	TOTAL OIT. FEE		OR	ADDIT. FEI	<u>:</u>
1.				IS SPACE is less the r Ind pendent) is the	on's enter's		in the a	ppropriate b	ox in c	olumn 1.	